

4-Channel Digital Output Module DC 24 V

2-conductor connection; short-circuit-protected; high-side switching

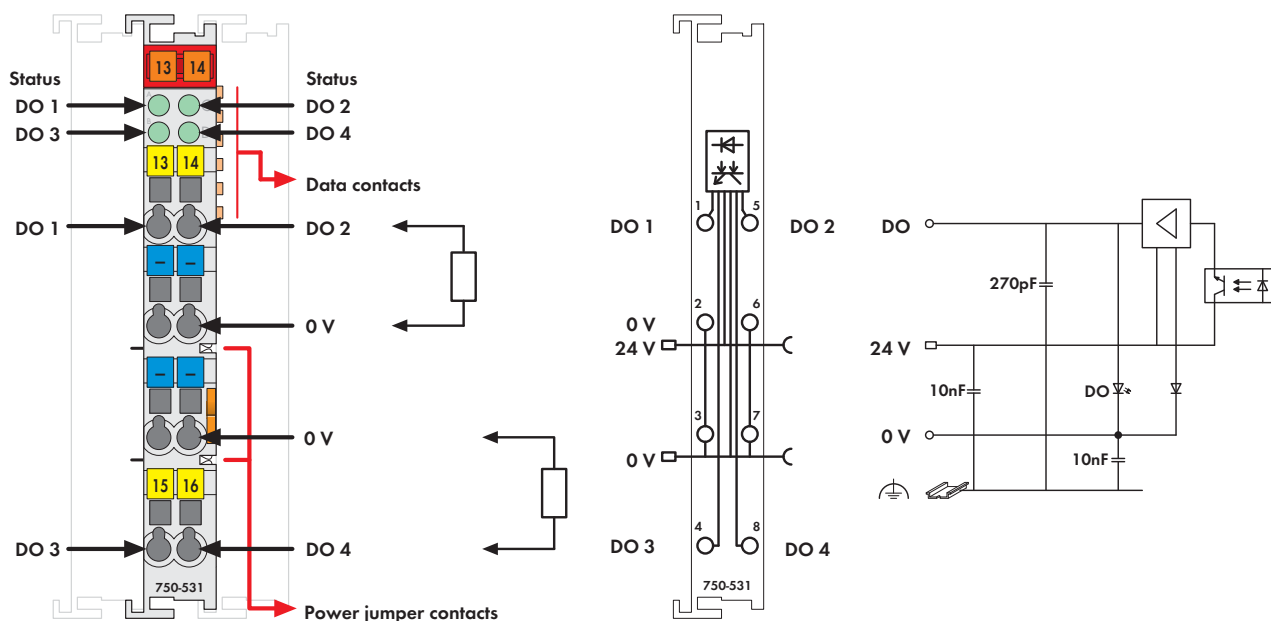


Fig. Series 750 / Technical data see page 28 / Delivery without Mini WSB marker
Series 750 / 753 marking see pages 16 ... 17 / 18 ... 19

The connected load is switched via the digital output from the control system.

The module is a 4-output channel, 2-conductor device. Due to its four 0 V connections, four actuators may be directly connected to the module.

All outputs are electronically short-circuit-protected.

Each output is electrically isolated from the bus by use of optocouplers.

Description	Item no.	Pack. unit
4DO 24V DC 0.5A/ 2-conductor	750-531	10 ¹⁾
4DO 24V DC 0.5A/ 2-conductor (without connector)	753-531	10 ¹⁾
¹⁾ Also available individually		
Accessories	Item no.	Pack. unit
753 Series connector	753-110	25
Coding elements	753-150	100
Miniature WSB quick marking system, plain	248-501	5
Miniature WSB quick marking system, with marking	see pages 256 ... 257	
Approvals		
Series 750 and 753		
Conformity marking	CE	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4	
Series 750		
EN 60079-15	I M2 / II 3 GD Ex nA IIC T4	
Marine applications	see "Approvals Overview" in section 1	

Technical Data	
No. of outputs	4
Current consumption max. (internal)	7 mA
Voltage via power jumper contacts	DC 24 V (-25 % ... +30 %)
Type of load	resistive, inductive, lamps
Switching rate (max.)	1 kHz
Reverse voltage protection	yes
Output current (max.)	0.5 A short-circuit protected
Inductive load switch off energy dissipation W (max.)	0.3 J; L max = 2 x W max / I ²
Current consumption typ. (field side)	30 mA / module + charge
Isolation	500 V system/supply
Internal bit width	4 bits out
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm ² ... 2.5 mm ² / AWG 28 ... 14
Stripped lengths (750 / 753 Series)	8 ... 9 mm / 0.33 in 9 ... 10 mm / 0.37 in
Width	12 mm
Weight	48.5 g
EMC CE-Immunity to interference	acc. to EN 50082-2 (1996)
EMC CE-Emission of interference	acc. to EN 50081-1 (1993)
EMC marine applications - Immunity to interference	acc. to Germanischer Lloyd (2003)
EMC marine applications - Emission of interference	acc. to Germanischer Lloyd (2003)